



## ELECTRONIC THESIS AND DISSERTATION UNSYIAH

### TITLE

PERBANDINGAN VALIDITAS SYIAH KUALA STROKE SCALE DENGAN SIRIRAJ STROKE SCORE DALAM PENENTUAN DIAGNOSIS STROKE

### ABSTRACT

#### ABSTRAK

Syiah Kuala Stroke Scale dan Siriraj Stroke Score merupakan suatu skala yang digunakan untuk diagnosis stroke. Pemeriksaan CT-Scan kepala adalah gold standar untuk diagnosis stroke. Penelitian ini bertujuan untuk membandingkan Syiah Kuala Stroke Scale dengan Siriraj Stroke Score dalam penentuan diagnosis stroke. Penelitian ini merupakan penelitian uji diagnostik dengan rancangan potong lintang. Responden adalah 49 penderita stroke yang dirawat di Ruang Rawat Saraf RSUD dr. Zainoel Abidin Banda Aceh yang diperiksa menggunakan CT-Scan kepala, Syiah Kuala Stroke Scale, dan Siriraj Stroke Score. Analisa validitas (sensitivitas, spesifisitas, nilai duga positif, dan nilai duga negatif) dan perbandingan menggunakan Kappa Statistik. Hasilnya Syiah Kuala Stroke Scale memiliki nilai sensitivitas 0,758 (75,8%), spesifisitas 0,875 (87,5%), nilai duga positif 0,956 (95,6%) dan nilai duga negatif 0,5 (50%) sedangkan Siriraj Stroke Score memiliki nilai sensitivitas 1 (100%), spesifisitas 0,4 (40%), nilai duga positif 0,842 (84,2%), dan nilai duga negatif 1 (100%). Kekuatan kesepakatan Kappa antara Syiah Kuala Stroke Scale dengan Siriraj Stroke Score adalah baik ( $k=0,672$ ). Kesimpulannya Syiah Kuala Stroke Scale memiliki nilai validitas yang tinggi untuk diagnosis stroke hemoragik sedangkan Siriraj Stroke Score memiliki nilai validitas yang tinggi untuk diagnosis stroke iskemik.

Kata kunci : Stroke, Syiah Kuala Stroke Scale, Siriraj Stroke Score, uji diagnostik

#### ABSTRACT

Syiah Kuala Stroke Scale and Siriraj Stroke Score are two diagnostic tools for stroke diagnosis. Brain CT-Scan is a gold standart of stroke diagnosis. This study aimed to compare Syiah Kuala Stroke Scale with Siriraj Stroke Score in order to differentiating diagnosis of stroke. This was a diagnostic study with cross sectional method. 49 stroke patient in the Neurology ward Zainoel Abidin General Hospital Banda Aceh as respondents were evaluated with brain CT-Scan, Syiah Kuala Stroke Scale and Siriraj Stroke Score. Validity (sensitivity, specificity, positive predictive value, and negative predictive value) and comparability (Kappa Statistic) of Syiah Kuala Stroke Scale and Siriraj Stroke Score were tested. The result showed sensitivity, specificity, positive predictive value, and negative predictive value for Syiah Kuala Stroke Scale were 0,758 (75,8%); 0,875 (87,5%); 0,956 (95,6%); 0,5 (50%) and 1 (100%); 0,4 (40%); 0,842 (84,2%), 1 (100%) for Siriraj Stroke Score. Using the Kappa Statistic, the overall comparability between Syiah Kuala Stroke Scale and Siriraj Stroke Score was good ( $k=0,672$ ). The conclusions are Syiah Kuala Stroke Scale has higher accuracy and validity for hemorrhage stroke, while Siriraj Stroke Score has higher accuracy and validity for ischemia stroke.

Keywords : Stroke, Syiah Kuala Stroke Scale, Siriraj Stroke Score, diagnostic study



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